

symcode Symcode Mini Portable 3-in-1 Barcode Scanner

Symcode Mini Portable 3-in-1 Barcode Scanner User Manual

Model: Symcode Mini Portable 3-in-1 Barcode Scanner

1. PRODUCT OVERVIEW

The Symcode Mini Portable Barcode Scanner is a versatile device designed for efficient barcode scanning. It supports three connection modes: Bluetooth, 2.4G wireless via a USB dongle, and USB wired connection. Its compact and lightweight design makes it suitable for various environments, compatible with Windows, Android, and iOS operating systems.



Image 1.1: Symcode Mini Portable Barcode Scanner and included accessories.

This scanner is capable of decoding both 1D and 2D barcodes, including QR codes, Data Matrix, and PDF417. It features a 650mAh rechargeable battery, offering extended operation and standby times. Users can customize settings such as sound and vibration alerts, and manage data storage with its 16MB internal memory.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x Symcode 2D Barcode Scanner
- 1x USB Charging Cable
- 1x 2.4G USB Dongle
- 1x User Manual (this document)
- 1x Sling

650 mAh Battery

Longer Continuous Use and Standby Time



4 hours
Charging Time



8 hours
Scanning Time



650 mAh
Rechargeable Battery



720 hours
Standby Time

Image 2.1: Included components: scanner, USB cable, and 2.4G USB dongle.

3. SETUP AND CONNECTION

3.1 Charging the Scanner

Before initial use, fully charge the scanner. Connect the USB charging cable to the scanner's charging port and to a USB power source (e.g., computer USB port, USB wall adapter). The charging indicator light will show the charging status. A full charge typically takes approximately 2 hours.

Versatile 3-in-1 Connection

Freely choose different devices according to multiple scenarios

Wired Mode with USB Connection



Wireless Mode with 2.4G Connection



Wireless Mode with BT Connection



Image 3.1: Battery specifications and charging information. The scanner features a 650mAh rechargeable battery.

3.2 Connection Modes

The scanner supports three connection methods:

- **USB Wired Mode:** Direct connection to a computer via the USB cable.
- **2.4G Wireless Mode:** Connects wirelessly using the included 2.4G USB dongle.
- **Bluetooth Wireless Mode:** Connects wirelessly to Bluetooth-enabled devices.

Support multiple systems

Mini size but have stronger compatibility easily work with PC, POS, Laptop, Tablet, Smartphone.



Image 3.2: Visual representation of the three connection options for the scanner.

3.3 Connecting via USB Wired Mode

1. Connect the small end of the USB cable to the scanner's USB port.
2. Connect the larger end of the USB cable to an available USB port on your computer.
3. The scanner will be recognized as a keyboard device. No additional drivers are typically required.

3.4 Connecting via 2.4G Wireless Mode

1. Plug the 2.4G USB dongle into an available USB port on your computer.
2. Turn on the scanner. It should automatically pair with the dongle.
3. A successful connection is indicated by a specific sound or light pattern on the scanner.

3.5 Connecting via Bluetooth Wireless Mode

1. Turn on the scanner.
2. Activate Bluetooth on your host device (smartphone, tablet, computer).
3. Search for available Bluetooth devices. The scanner should appear as "Symcode Scanner" or similar.
4. Select the scanner to pair. A successful connection is indicated by a specific sound or light pattern.

The scanner is compatible with various operating systems, including Windows XP/7/8/10, Mac OS, Linux,



Image 3.3: Operating system compatibility for the Symcode scanner.

4. OPERATING INSTRUCTIONS

4.1 Basic Scanning

To scan a barcode, point the scanner's light beam at the barcode and press the trigger button. A successful scan is typically indicated by a beep and/or vibration, and the data will be transmitted to your connected device.

4.2 Decoding Capabilities

The scanner supports a wide range of 1D and 2D barcode symbologies, including:

- **2D Codes:** QR Code, Data Matrix, PDF417, Aztec code, Maxicode.
- **1D Codes:** JAN/EAN-13, JAN/EAN-8, UPC-A, UPC-E, Code11, Code32, Code39, Code 39 Full ASCII, Code93, Code128, Codabar (NW-7), Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, Standard 2 of 5, PLESSEY, MSI, ITF14, ISBN, ISSN, GS1 Databar, GS1-128 (UCC/EAN128), ISBT-128.

2D & 1D Super Decoding Ability

Even blurring, incomplete 2D & 1D codes can be decoded.



Image 4.1: Examples of 1D and 2D barcodes that the scanner can decode.

4.3 Sound and Vibration Settings

The scanner allows you to enable or disable sound and vibration feedback for scanning operations. Refer to the quick setup guide (often a separate barcode sheet) for specific configuration barcodes to toggle these settings.

Long Transmission Distance

Barrier Environment

2.4GHz Wireless : 30m/98ft

Bluetooth Wireless : 15m/49ft



Barrier Free Environment

2.4GHz Wireless : 150m/492ft

Bluetooth Wireless : 50m/164ft



Image 4.2: Controls for enabling or disabling sound and vibration feedback.

4.4 Data Storage Modes

The scanner supports both instant upload and storage modes. In storage mode, scanned barcodes are saved to the scanner's internal 16MB memory (capable of storing over 100,000 barcodes) and can be uploaded later. Consult the quick setup guide for instructions on switching between these modes and uploading stored data.

4.5 Customizing Data Output

The scanner offers options to hide/add custom prefix/suffix digits, delete characters, and add keyboard keys (e.g., TAB, CR&LF) to the scanning output. These configurations are typically performed by scanning specific setup barcodes found in the quick setup guide.

5. MAINTENANCE

5.1 Cleaning

To clean the scanner, use a soft, dry cloth. For stubborn dirt, a slightly damp cloth with mild soap can be used, ensuring no liquid enters the device. Do not use abrasive cleaners or solvents.

5.2 Battery Care

To prolong battery life, avoid fully discharging the battery frequently. Store the scanner in a cool, dry place when not in use for extended periods. Recharge the battery periodically if stored for a long time.

6. TROUBLESHOOTING

6.1 Scanner Not Connecting

- **Check Power:** Ensure the scanner is charged and turned on.
- **Verify Mode:** Confirm the scanner is in the correct connection mode (USB, 2.4G, or Bluetooth) for your intended use.
- **Dongle/Bluetooth:** For 2.4G, ensure the dongle is securely plugged in. For Bluetooth, ensure Bluetooth is enabled on your host device and the scanner is paired.
- **Re-pair:** Try unpairing and re-pairing the scanner if using Bluetooth or 2.4G wireless.

6.2 Barcodes Not Scanning

- **Barcode Type:** Ensure the barcode type is supported by the scanner (refer to Section 4.2).
- **Barcode Quality:** Check if the barcode is damaged, smudged, or poorly printed.
- **Distance/Angle:** Adjust the distance and angle between the scanner and the barcode.
- **Lighting:** Ensure adequate lighting, but avoid direct glare on the barcode.

6.3 Incorrect Data Output

- **Prefix/Suffix:** Check if any custom prefix or suffix settings are enabled that might be altering the output.
- **Keyboard Layout:** Ensure the scanner's keyboard layout matches your computer's keyboard layout if experiencing character discrepancies.

7. SPECIFICATIONS

Feature	Specification
Model	Symcode Mini Portable 3-in-1 Barcode Scanner
Connectivity	Bluetooth, 2.4G Wireless, USB Wired
Decoding Capability	1D and 2D barcodes (QR Code, Data Matrix, PDF417, etc.)
Battery	650mAh Lithium Polymer (rechargeable)
Charging Time	Approx. 2 hours
Continuous Scanning Time	Up to 5 hours
Standby Time	Up to 30 days (720 hours)
Internal Storage	16MB (stores over 100,000 barcodes)
2.4G Transmission Distance (Barrier-Free)	Up to 150m (492ft)
Bluetooth Transmission Distance (Barrier-Free)	Up to 50m (164ft)

Feature	Specification
Dimensions	5.39 x 4.25 x 2.17 inches (Package)
Weight	4.4 ounces
Compatible OS	Windows XP/7/8/10, Mac OS, Linux, Android, iOS



Image 7.1: Transmission range details for wireless connections.

Mini Portable Long Standby

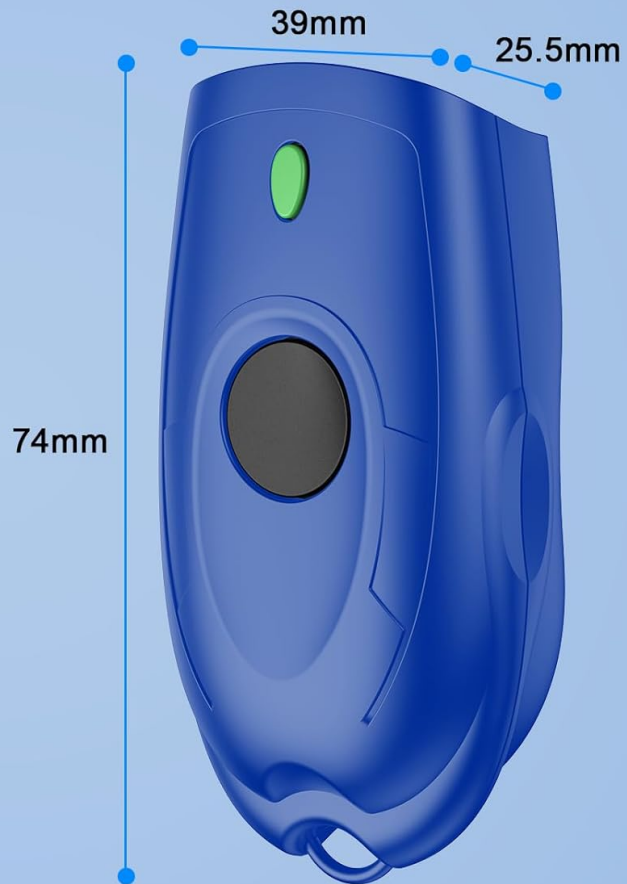


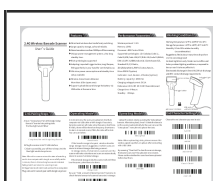
Image 7.2: Physical dimensions and portability of the scanner.

8. WARRANTY AND SUPPORT

For any issues or inquiries regarding your Symcode scanner, please contact the seller or manufacturer's customer service. Information regarding specific warranty terms may be provided with your purchase documentation.







The manufacturer offers pre-sale and after-sales service to assist with product-related concerns.

Related Documents - Symcode Mini Portable 3-in-1 Barcode Scanner



[2.4G Wireless Barcode Scanner User's Guide | Symcode](#)

Comprehensive user's guide for the Symcode 2.4G Wireless Barcode Scanner, detailing features, performance parameters, operating modes, setup options, and specifications.

<p>Bluetooth/2.4G Wireless Barcode Scanner</p> <p>User's manual</p> <p>BROCHURE</p>	<p>Bluetooth/2.4G Wireless Barcode Scanner User Manual</p> <p>Comprehensive user manual for the Bluetooth/2.4G Wireless Barcode Scanner, covering features, setup procedures, operating modes, troubleshooting, and indicator explanations.</p>
<p>TFT Screen Intellectual Wireless Barcode Scanner</p> <p>User's manual</p>  <p>BROCHURE</p>	<p>TFT Screen Intellectual Wireless Barcode Scanner User Manual</p> <p>User manual for the TFT Screen Intellectual Wireless Barcode Scanner, detailing its features, applications, and operating instructions. Learn about its triple-mode connectivity, large storage capacity, and ergonomic design.</p>
<p>2D Barcode Scanner User Manual</p> <p>BROCHURE</p> 	<p>Symcode MJ-340 2D Barcode Scanner User Manual</p> <p>Comprehensive user manual for the Symcode MJ-340 2D Barcode Scanner, covering setup, performance specifications, communication modes, and configuration options.</p>
<p>1D Barcode Scanner User Manual</p> <p>Barcode Scanner Quick Set-up V2.0</p>	<p>1D Barcode Scanner User Manual V2.0</p> <p>This user manual provides comprehensive instructions for the 1D Barcode Scanner, version 2.0. It covers setup, installation, scanning modes, configuration options, and technical specifications. Learn how to efficiently use the scanner in various commercial and industrial applications.</p>
<p><small>Note: Please print it on A4 paper before scanning, and then scan it with the scanner.</small></p>  <p>Quiet Source Mode</p>  <p>Trigger Mode</p>  <p>Quiet Source Mode</p>  <p>Trigger Mode</p>	<p>Symcode Barcode Scanner Configuration: Continuous and Trigger Modes</p> <p>Instructions for configuring Symcode barcode scanners using Continuous and Trigger modes by printing and scanning setting codes. Includes visual examples of barcodes for each mode.</p>